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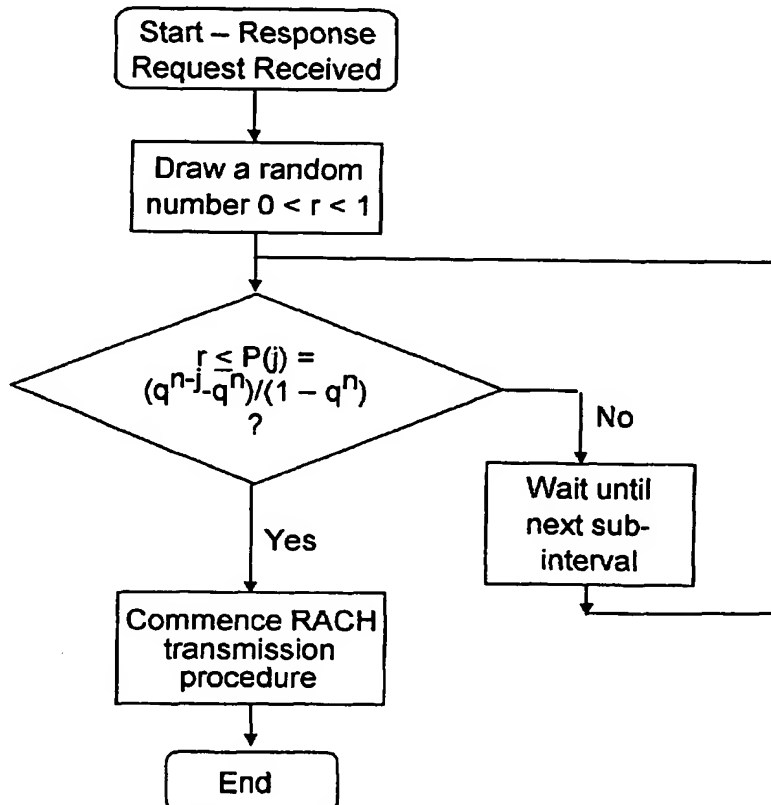
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(54) Title: METHOD FOR UPLINK ACCESS TRANSMISSIONS IN A RADIO COMMUNICATION SYSTEM



(57) Abstract: According to a first aspect of the invention, there is provided a method for controlling uplink access transmissions in a radio communication system, wherein a user equipment determines a delay time for transmitting a signal on an uplink access channel, wherein the delay time is randomly determined based upon a probability distribution that increases in density with increasing delay. According to a second aspect of the invention, there is provided a method for controlling uplink access transmissions in a radio communication system, wherein from a base station of the radio communication system, time variable information is signalled in downlink to user equipments located in an area covered by the base station, wherein the information is used to determine delay times for transmitting signals on an uplink (UL) access channel (RACH) and wherein the information varies based upon a probability distribution which increases in density with increasing time.

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